6515-01-435-0050
IMPACT Suction Apparatus, Model 326/326M

Impact Instrumentation Inc.
27 Fairfield Place
West Caldwell NJ 07006-6206
(973)882-1212

The following is a list of TMDE required for the complete PMCS of this suction apparatus:

TMDE Item	
Variable DC Power Supply	Oscilloscope (if calibration is required)
Stopwatch	Cross-tip screwdriver (if cal required)
RT200, VT Plus, T300, or equivalent	

FORMS REQUIRED

1. This item does not require a CVC label 2163.

Item may also need extra accessories sent with it. See the contract for specific item or see shop supervisor for details.

PMCS CHECKLIST

VISUAL CHECKS page 11-1 and 11-2

1. Perform steps 1-15 as outlined in the manual on the pages above. Except step 14 which we can not do here
2. Verify revision of literature provided with the aspirator.
3. Inspect the transporting case for damage if provided.
   - The black transport case may or may not have an NSN label.
4. Inspect the AC power supply case for cracks or damage also.
5. Verify all accessories provided with item. See page -v- for checklist

PERFORMANCE CHECKS

1. Ensure that the AC Charger is plugged into the power source and the suction apparatus. Screw the rectifier tight onto the connector.
2. Verify that the green External Power LED is on.
3. Turn on the suction apparatus to continuous operation.
4. Slightly pull on the AC Charger cable and verify that the external power LED stays lit.
5. Disconnect the AC Charger from the Suction Apparatus.
6. Verify that the suction apparatus switches to battery without turning off.
7. Verify that a washer is installed in the AC Charger Rectifier.

This ensures that all upgrades have been performed properly on the unit.

Page 11-2

1. Maximum Flow
2. Rate of Vacuum rise.
3. Maximum Vacuum-See attached altitude VS pressure chart for acceptable tolerances.
4. Vacuum Gauge accuracy

Be sure to charge batteries before packing the aspirator to optimize performance of the unit for receiving personnel. Simply connect battery to charging circuit and plug in the AC power supply to proper voltage.

TIMER VERIFICATION (ADDED VERIFICATION) see pages 9-1 for calibration if needed.

1. Turn on aspirator to intermittent operation.
2. Turn timer knobs to 5 seconds on and off. Verify with stopwatch that the aspirator operates within correct times.
3. Turn timer knobs to 40 seconds on and off. Verify proper operation.

LOW BATTERY INDICATOR ADJUSTMENT (IF NECESSARY) page 9-2

1. Disconnect and remove battery pack from aspirator.
2. Preset external DC Power Supply to 11.1 VDC and attach to aspirator battery terminals in side compartment.
3. Turn on aspirator mode select switch to intermittent setting.
4. Verify that needle of battery indicator gauge is centered between red and green divisions during the pump off cycle. If not centered, aspirator will need adjustment (see page 9-2 for instructions).
5. Any adjustments should be made during the off cycle of the intermittent mode.
6. Disconnect the external power supply, and reinstall the battery pack in side compartment

EXTERNAL DC OPERATION (ADDED VERIFICATION)

1. Turn DC power supply to 12 VDC and attach to external DC cable.
2. Verify operation on CONT and INT.
3. Turn off DC power supply and disconnect from external DC cable.

CALIBRATION PROCEDURE (IF NECESSARY) page 9-1and 9-2

1. Maximum Low Vacuum Level limit
2. Intermittent on/off timing circuits
3. Low Battery indicator adjustment

CLEANING page 11-2

1. Clean all components of the end item to include cases.
2. The vacuum pump/motor requires NO lubrication
3. Replace filters, hoses, tubing, fittings and connectors as needed.
4. Pack and label as instructed.

PACKAGING

1. Packing includes components to be put in standardized boxes. When extra accessories are to be sent with suction all components must be packed in a 24 x 20 x 14 box. Without extra accessories the size shall be 23½ x 18 x 7 box. If no accessories are provided pack in original box or equivalent size for protection.